

PRODUCT-DETAILS

# 3GBA081310-ADCCN

## M2BAX 80MA2



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GBA081310-ADCCN |
| ABB Type Designation | M2BAX 80MA 2     |
| Catalog Description  | M2BAX 80MA2      |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M2BAX 80MA 2 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6204-2Z/C3   |
| Bearing NDE           | 6203-2Z/C3   |
| Country of Origin     | China (CN)   |
| Customs Tariff Number | 85015100     |
| Direction of Rotation | Both sides   |
| Electrical Data       |              |

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 690 V   | 0.75 kW | 2843 r/min | 0.99 A  | 0.810        | 77.40 %    | 2.51 N·m | 6.20  |
| D    | --         | 50 Hz | 400 V   | 0.75 kW | 2843 r/min | 1.71 A  | 0.810        | 77.40 %    | 2.51 N·m | 6.20  |
| Y    | --         | 50 Hz | 660 V   | 0.75 kW | 2819 r/min | 1.00 A  | 0.850        | 77.40 %    | 2.51 N·m | 5.80  |
| D    | --         | 50 Hz | 380 V   | 0.75 kW | 2819 r/min | 1.73 A  | 0.850        | 77.40 %    | 2.51 N·m | 5.80  |
| D    | --         | 60 Hz | 440 V   | 0.75 kW | 3453 r/min | 1.52 A  | 0.820        | 77.00 %    | 2.09 N·m | 7.10  |
| D    | --         | 60 Hz | 460 V   | 0.75 kW | 3469 r/min | 1.52 A  | 0.780        | 77.00 %    | 2.08 N·m | 7.40  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 17 kg                                                                                             |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 77.4 %<br>Partial Load (75%) 76.4 %<br>Partial Load (50%) 73.7 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 77.0 %<br>Partial Load (75%) 74.3 %<br>Partial Load (50%) 69.8 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX 80MA2                                                                                       |
| Lubrication               | For life                                                                                          |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 2                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 carton                                                                                          |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 14 kg                                                                                             |
| Product Type              | CBA2__M2BAX_CI                                                                                    |
| Quote Only                | No                                                                                                |
| Selling Unit of Measure   | piece                                                                                             |
| Standards                 | IEC 60034-1                                                                                       |
| Starting of Motor         | Direct Online                                                                                     |
| Stocked At (Warehouses)   | Shanghai, China<br>Guangzhou, China                                                               |
| Temperature Class Default | --                                                                                                |
| Temperature Rise          | 80 K                                                                                              |
| Terminator Box Location   | D-End top                                                                                         |
| Two Speed Motor           | No                                                                                                |
| Type of Duty              | S1                                                                                                |
| UNSPSC                    | 26101100                                                                                          |
| Voltage Code              | D                                                                                                 |
| WEEE Category             | 5. Small Equipment (No External Dimension More Than 50 cm)                                        |

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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

